

# ShaliMark® WB 60

Cold Applied Water Based Acrylic Road Marking Paint



STP Limited

## Description

**ShaliMark® WB 60** (formerly known as ShaliMark WB HB) is eco-friendly, cold applied, water based, fast drying, retro-reflective Acrylic Road Marking Paint available in Standard shades of White, Golden Yellow, Lane Red and Black for application on concrete / bituminous surface in runways / taxiways / apron and other such places.

The retro-reflective property of **ShaliMark® WB 60** helps in better visibility under poor light condition.

**ShaliMark WB 60** is highly durable, environment friendly and fast drying. Any application during high humidity or low temperatures however, may increase the drying time.

## Characteristics

Colour	White / Golden Yellow / Lane Red / Black	Theoretical Coverage*, m <sup>2</sup> / L	2.5 – 3.0
		Volume Solid, %	60 ± 2
		Specific Gravity	1.50 – 1.60
Finish	Smooth and Mat	DFT, Micron, un-beaded	180 - 250
Luminance at 45° Min		Drying time*, minutes @ 27 °C	
• White	65	• Surface dry	10
• Yellow	45	• Hard dry	45

\* Depending upon surface condition and ambient temperature.

## Application

- It can be applied on bitumen / concrete surface with a spray applicator or by brush.
- Can be applied on Zebra Crossing, path dividers, speed breakers and other similar markings.

## Advantages

- Environment Friendly being water-based product.
- Quick Setting.
- Good durability, adhesion.
- Enhances safety.
- Easier, safer cleanup.
- Significantly reduces disposal cost.
- Very low VOC.
- Easy repainting operation.

## Application methodology

### ➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air.
- Ensure that-
  - The surface is fully cured, clean, structurally sound and dry.
  - Removal of any pre-existing line prior to apply **ShaliMark® WB 60**
  - In case of new concrete road, concrete is at least 28 days old.
  - Substrate temperature should be between 10 - 40 °C and humidity less than 80%.
  - There is no standing water in the area to be repaired or in the area of application.
  - Mechanically grinding the surface is acceptable only when sand blasting is not possible.
- Saw cut area to be repaired in geometrical shape.

### ➤ Material Preparation

- Stir **ShaliMark® WB 60** thoroughly for uniformity.

### ➤ Application of Material

- Mark reference line on surface with nylon rope and chalk prior to application.
- Apply **ShaliMark® WB 60** within the reference lines by airless spray / roller / brush. In case of airless spray, ensure that nozzle pressure is 1800 to 2200 psi with an orifice size ranging between 19 thou to 23 thou.
- Sprinkle drop on glass beads (BS 6088 B) @ 250- 300 grm / m<sup>2</sup> simultaneously.
- Ensure finish lines are uniform and free from streaks.
- Proper safety measures shall be taken to ensure smooth progress of work.

### Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

### Packing

Available in 20 L pack along with required Glass Beads in separate pack on request.

### Storage

Keep in cool dry place, in air tight place, under shed, away from heat.

### Shelf Life

12 months in original unopened sealed condition.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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